PATENT ABSTRACTS OF JAPAN

(11)Publication number:

2002-050797

(43)Date of publication of application: 15.02.2002

(51)Int.Cl.

A CONTRACT OF THE PROPERTY OF H01L 33/00

(21)Application number: 2000-232050

(71)Applicant: TOSHIBA CORP

TOSHIBA ELECTRONIC

ENGINEERING CORP

(22)Date of filing:

31.07.2000

(72)Inventor: FURUKAWA CHISATO

MORISHITA MASAYUKI

the state of the s (54) SEMICONDUCTOR EXCITATION PHOSPHOR LIGHT-EMITTING DEVICE AND MANUFACTURING METHOD THEREFOR

12, 13, 14 15 11

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a semiconductor excitation phosphor light-emitting device of constant color tone, and to provide its manufacturing

SOLUTION: The semiconductor excitation phosphor light-emitting device comprises at least a semiconductor light-emitting element, and a phosphor part which comprises a phosphor excited with the light from the semiconductor light-emitting element. Furthermore, a diffusion material is provided which is configured integrally, with or separately from the phosphor. Related to the manufacturing method of the semiconductor excitation phosphor light-emitting device, both the phosphor and the diffusion material comprising the diffusion material are configured integrally. Here, there are provided a process for constituting the phosphor and a process for constituting the diffusion material, with the diffusion material and the phosphor being configured separately.

LEGAL STATUS

[Date of request for examination]

06.07.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]